

Cover Page



Universiteit Leiden



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# From Ice to Gas

## Constraining the Desorption Processes of Interstellar Ices

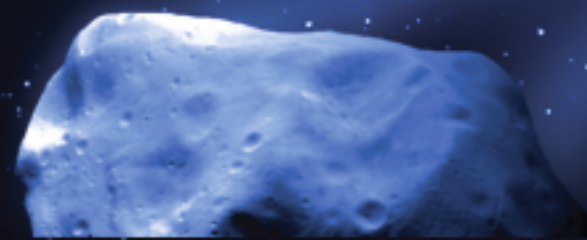


The presence of icy mantles on interstellar dust grains play a key role in the formation of molecules observed at all stages of star formation. This thesis addresses thermally and UV-induced ice sublimation. Using state of the art laboratory experiments and synchrotron-based UV radiation, the processes leading to ice desorption are presented.

From Ice to Gas

Constraining the Desorption Processes of Interstellar Ices

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